# 2004 eptemer

## Fort Myer Military Community

**Installation Action Plan** 



## September 2004

**Fort Myer Military Community** 

**Installation Action Plan** 

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## Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multi-year restoration program for an installation. The plan will define all Installation Restoration Program (IRP) requirements and propose a comprehensive approach and associated costs to conduct future investigations and remedial actions at each Solid Waste Management Unit (SWMU) at the installation and other areas of concern.

In an effort to coordinate planning information between the IRP manager, major army commands (MACOMs), IMA, installations, executing agencies, regulatory agencies, and the public, an IAP has been completed for Fort Myer Military Community. The IAP is used to track requirements, schedules and tentative budgets for all major Army installation restoration programs.

All site specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change during the document's annual review. Under current project funding, all remedies will be in place at Fort Myer Military Community by the end of 2006.

The following agencies contributed to the formulation and completion of this Installation Action Plan:

Fort Myer Environmental Division DPWL

Engineering and Environment, Inc.

U. S. Army Environmental Center

### Acronyms & Abbreviations

**AEC** (United States) Army Environmental Center (formally called USATHMA)

**AEDB-R** Army Environmental Data Base-Restoration (formerly DSERTS)

**AST** Aboveground Storage Tank

ATSDR Agency for Toxic Substances and Disease Registry

**CAP** Corrective Action Plan

**CERCLA** Comprehensive Environmental Response Compensation and Liability Act (1980)

**CHPPM** (United States) Center for Health Promotion and Preventive Medicine (formally called USAEHA)

COC Contaminants of Concern CRP Community Relations Plan

CTC Cost to Complete

cy cubic yards

**DA** Department of Army

**DCSOPS** Deputy Chief of Staff, Operations

**DERP** Defense Environmental Restoration Program (now called ER,A)

**DD** Decision Document

**EPA** (United States) Environmental Protection Agency

**ER,A** Environmental Restoration, Army (formally called DERA)

**FFA** Federal Facility Agreement

FFSRA Federal Facility Site Remediation Agreement

**FMMC** Fort Myer Military Community

**FS** Feasibility Study

**ft** foot

ft<sup>2</sup> square feet FY Fiscal Year gal gallon

gpd gallons per dayGW Groundwater

HRS Hazard Ranking System
IAP Installation Action Plan
IRA Interim Remedial Action
IROD Interim Record of Decision
IRP Installation Restoration Program
IWTP Industrial Wastewater Treatment Plant

K \$1,000 kg kilograms

LTM Long Term Monitoring
LUC Land Use Control

MCL Maximum Contaminant Level

mgmiligramsMWMonitoring WellNENot EvaluatedNFANo Further Action

NPDES National Pollutant Discharge Elimination System

NOV Notice of Violation
NPL National Priorities List

**OB/OD** Open Burning / Open Detonation

**OU** Operable Unit

O&M Operation & Maintenance
PAH Poly Aromatic Hydrocarbons
PA Preliminary Assessment

## Acronyms & Abbreviations

POL Petroleum, Oil & Lubricants

POM Program Objective Memorandum (budget)

PP Proposed Plan
PY prior year
PX post exchange
RA Remedial Action

RA(O) Remedial Action - Operation RAB Restoration Advisory Board

RC Response Complete

**RCRA** Resource Conservation and Recovery Act

RD Remedial Design

**REM** Removal

RFA RCRA Facility Assessment
RI Remedial Investigation
RIP Remedy in Place
ROD Record of Decision

**RRSE** Relative Risk Site Evaluation

**SARA** Superfund Amendments and Reauthorization Act

SI Site Inspection

**SVOC** Semi-Volatile Organic Compounds SWMU Solid Waste Management Unit

**TAPP** Technical Assistance for Public Participation

ug/l microgram per liter

**USACE** United States Army Corps of Engineers

USAEHA United States Army Environmental Hygiene Agency (now called CHPPM)
USATHMA United States Army Toxic and Hazardous Material Agency (now called AEC)

UST Underground Storage TankVOC Volatile Organic Compounds

**yr** year



#### **EXECUTIVE SUMMARY**

The Fort Myer Military Community Installation (FMMC) Action Plan provides a status report on Environmental Restoration, Army (ER,A) active sites. Four sites: the Former Dry Ceaning Plant at Bldg 443, the Old PX Station Site at Bldg 448, the Old Temp Boiler Area at Fort McNair, and the PX Station and UST remediation site at Fort McNair are currently open. Three of the sites are Active Army Environmental Database-Restoration sites and one is undergoing long term monitoring.

Proposed plans to close each active site are included. Proposed plans include long term monitoring, site closure reports, a decision document, and risk assessment, if necessary. The Installation Restoration Program is scheduled to be completed by 2006.

Based on the nature of the FMMC remediation projects establishment of a Restoration Advisory Board (RAB) was considered. During FY97, FMMC reviewed the requirements and potential for the establishment of a RAB. Based on past and current public interest, it has been determined that there is no reason to establish a RAB at this time.



**STATUS:** Non-NPL. Confirmed localized soil and groundwater contamination.

**NUMBER OF AEDB-R** 

SITES:

Ft. McNair Ft. Myer

9 Sites 7 Sites

1 Active AEDB-R Site 1 Active AEDB-R Site 1 LTM 6 Response Complete

7 Response Complete

DIFFERENT AEDB-R

4 Spill Site Area

1 Chemical Disposal

SITE TYPES: 1 Disposal Pit/Dry Well 2 UST 1 AST 1 Contaminated Fill 1 Contaminated Groundwater

2 Landfill 2 Other

CONTAMINANTS OF CONCERN:

Petroleum/Oil/Lubricants (POL), Solvents, Refuse, Heavy Metal, POL Sludge

**MEDIA OF CONCERN:** G

Groundwater, Soil

COMPLETED REM/IRA/

RA:

IRA/RA - FMY-01 - Vapor extraction and pump & treat systems, FY91, FY92, FY94, FY95. ERA - PCE contaminated soil removal, groundwater investigation/

sampling, risk assessment, FY95, FY96, FY97, FY 98, FY99, FY00,

RA – FMY-04 – Contaminated soil removal – FY00

IRA - FTMCN-08 – Site characterization/investigation, groundwater sampling,

FY96, FY97, FY98, FY99, FY00.

RA/LTMO-FTMCN-09-FY96, FY97, FY98, FY99, FY00.

**CURRENT IRP PHASES:** 

RI/FS at 2 sites

PROJECTED IRP

RI/FS at 2 sites

PHASES:

RD/RA at 1 site LTM at 3 sites

IDENTIFIED POSSIBLE

REM/IRA/RA:

RA at 1 site

**DURATION:** 

Year of IRP Inception: 1989 Year of RA Completion: 2006 Year of IRP Completion: 2015+

## Installation Information

#### LOCALE:

Fort Myer is located in the Arlington, Virginia, adjacent to the Arlington National Cemetery. The City of Arlington bounds the installation on the West Side. Access is provided by U.S. Route 50 (Arlington Boulevard) from the west and Virginia Route 27 (Washington Boulevard) from the south. Fort McNair is located in the southwest portion of the District of Columbia.

#### IRP EXECUTING AGENCIES:

U.S. Army Corps of Engineers, Baltimore District

REGULATORY PARTICIPATION:

Virginia Department of Environmental Quality (VDEQ)
District of Columbia Environmental Health Administration (DCEHA)
EPA Region III

REGULATORY STATUS: Non-NPL

RESTORATION ADVISORY BOARD STATUS: An attempt to establish the Restoration Advisory Board (RAB) was made in 1997. Participation received from the surrounding community did not meet the criteria for establishing RAB. Therefore, a RAB was not established. However, projects are coordinated with various regulatory agencies, and information is disseminated to the public through proper channels.

MAJOR CHANGES TO IRP FROM THE PREVIOUS YEAR: VDEQ now considers all groundwater as a potential drinking water source. Their goal is to return all contaminated groundwater to drinking water status.

## Installation Description

Fort Myer is located on land that was originally owned by the son of Martha Custis Washington, John Parke Custis. Robert E. Lee acquired the land through marriage, but left in 1861 when the Civil War began. The U.S. Government expropriated the land because he was not able to pay the property taxes in person as required. Fort Whipple was established on the land in 1863 as one of the many installations whose original mission was to form a protective barrier around the city of Washington. The Fort was named in honor of Major General Amiel Whipple who died of war wounds. On February 4, 1881, the Post was renamed as Fort Myer, in honor of Brigadier General Albert A. Myer, the first chief signal officer of the Army, who had been in command of the Signal Corps School at Fort Myer from 1869 until his death in 1880. Fort Myer is best known for its long history as a cavalry post. By 1902, most of the present-day historic district of Fort Myer had been built. Spacious senior officer quarters were constructed along Jackson, Grant, and Lee Avenues. It was from Fort Myer that the first round-the-world radio messages were sent. The Post is also widely known as the "Home of the Generals" because of the many high-ranking members of the Department of Defense who reside on the Post. Between the two World Wars, Fort Myer continued its mission as a Calvary Post. At the beginning of the U.S. involvement in World War II, the Calvary was discontinued and the Post served as a processing station and housing for defense troops, which were stationed there to protect the nation's capital. The U.S. Army School of music moved to Fort Myer in 1942. In 1948 the 3rd Infantry Regiment, better known as The Old Guard, was reactivated and assigned to Fort Myer and Fort McNair.

Fort Myer is a 256-acre U.S. Army installation located in the eastern portion of Arlington County, Virginia. The installation is bounded on the East Side by Arlington National Cemetery and on the West Side by the City of Arlington. Access is provided by U.S. Route 50 (Arlington Boulevard) from the west and Virginia Route 27 (Washington Boulevard) from the south. The installation houses several organizations which provide base operations support for the U.S. Army and DOD organizations throughout the National Capital Region and who conduct official ceremonies and public events on behalf of the U.S. Government civilian and military leadership. Tenants include the Third U.S. Infantry (The Old Guard) and the U.S. Army Band (Pershing's Own).

Fort McNair is a permanent, 98 acre, U.S. Army installation located in southwest District of Columbia bordered on the west by the Washington Channel and on the south by the Anacostia River. Tenants of the installation include HQ, U.S. Army Military District of Washington, the National Defense University consisting of the National War College and the Industrial College of the Armed Forces, and the Inter-American Defense College.

Fort McNair was established in 1791. It is the second oldest in continuous active service Army installation in the nation. It has been designated a National Historic Landmark. General George Washington appropriated the land in 1791 as part of Major Pierre L'Enfant's plan for the National Capital Region. Very little construction occurred until 1803 when an arsenal was built. The Arsenal was not an effective defense against the British and it was captured in 1814. The Post rebuilt the arsenal named "Washington Arsenal" in 1817. It served as a distribution, testing, and repair center for locally manufactured weapons. The Arsenal was closed in 1881 and the post was renamed Washington Barracks. From 1898 to 1909, a general hospital, the precursor of Walter Reed Army Hospital, was located at Fort McNair. Major Walter Reed was assigned to this post and it was here that he conducted his research on the cause of yellow fever before his death in 1902. Engineer activity on the post was considerable during the First World War; however, after the war the Engineering School was moved to where Fort Belvoir is today. During WW II the Army War College was used as the headquarters, Army Ground Forces, commanded by Brigadier General Lesley J. McNair. The post was later named after McNair who was killed in action in Normandy on July 17, 1944. Due to its historical significance as the second oldest continuously-used post, the prestige of the National Defense University, and the architectural importance of its design and structures, Fort McNair has been designated a National Historic District. The National War College has been designated a National Historic Landmark on the National Register of Historic Places.

## **Contamination Assessment**

#### **Fort Myer**

The Old Dry Cleaning Plant Site (FMY-01) includes two sites; the Old PX Station Site (FMY-04), and the Building 448 site (FMY-09). Contamination plumes from the Old PX Station site and the Old Dry Cleaning Plant site overlap. The sites were combined into the Old Dry Cleaning Plant Site per the MACOM's determination. In FY00, the FMMC required ERA funds to remediate soil contamination in the Old PX Station site (FMY-04) and reopened the site.

The Old Dry Cleaning Plant (FMY-10) was closed in April 1990 and subsequently demolished. Construction of a new AAFES Shoppette/Class VI store was completed in late 1996 at that location. The dry cleaning plant operation leaked/spilled a significant amount of tetrachloroethylene (PCE) into soil and groundwater. Prior to construction of the Shoppette, the site was remediated with a Soil Vapor Extraction (SVE) system. In addition, during construction, several tons of contaminated soil was removed and disposed of appropriately. Excavation and disposal of the contaminated soil at the site was completed on 30 Jan 96. In FY00, meetings with VDEQ resulted in requirements for eight rounds of groundwater sampling, RI/FS, and development of Decision Document in accordance with CERCLA protocol.

In 1999, during construction activities, a "black layer" was discovered on the site of the former commissary near the Old PX Station site. The "black layer", located within several feet of the ground surface, is believed to be the result of oils applied to the surface for dust supression prior to the placement of fill for the construction of the former commissary. This material was properly disposed of during recent site development.

The former post laundry plant (Bldg. 448) is located south of Pershing Drive. The foundation of the laundry plant is still in place, and has been converted into a grounds maintenance storage facility. The former laundry plant (Bldg. 448) was used for the storage of various materials such as cleansers, photographic developers, water treatment chemicals, ethylene glycol and furniture. Results of a June 1991 Woodward-Clyde Federal Services field investigation showed that the transformer floor was contaminated with semi-volatile organic compounds, heavy metals, and lead-based paint. A PCB containing transformer was active in the building, resulting in some spillage which was remediated. Asbestos is potentially present in insulation (boiler/tank, pipe and fittings), transite board material, floor tile and roofing tar. The groundwater around the northwest corner of the building is contaminated with PCE.

## **Contamination Assessment**

#### **Fort McNair**

The Fitness Center Site, (Boiler Building Fuel Tanks) FTMCN-08, at Fort McNair, is the proposed location of National Defense University expansion. The site is located across from Fifth Avenue and the existing swimming pool, north of Building 62, Marshall Hall. Temporary buildings owned by GSA occupied the site during World War II. The buildings were demolished in 1987. The site is located by the former Washington Canal, which was later renamed James Creek Canal. The canal provided access for water traffic carrying goods through the city during the 19th century. The banks along the canal were raised through the addition of fill and dredging in 1887. The canal was later abandoned and became a dump/burn pit after 1920. The canal was replaced by an underground culvert, and in the 1940s temporary World War II buildings were built on the site. The heating facility for the buildings used both coal and oil. Two USTs, each with a 20,000 gallon capacity, were removed in 1987. Little to no plume migration is occurring due to the age and viscous nature of the fuel oil, and tightness of the soil. Detectable groundwater contamination ends before reaching the river. The Anacostia River is approximately 1200 feet south of the site, at the end of the former canal. The most significant contaminants found in soils at the site are lead, arsenic, and TPH. TPH is also found in groundwater at the site.

Fort McNair PX Gas Station, FTMCN-09, (active) groundwater pump and treat system began operation in June 1994. A total of seven tanks (11 through 17) and associated piping were removed in October and November 1991. During excavation of tanks, approximately 2 feet of free product was observed in the base of the pits. A total of approximately 14,000 gallons of contaminated water was removed from the tanks and tank pits. A Corrective Action Plan (CAP) was prepared, which included site remediation. The DCEHA directive required FMMC to operate the pump-and-treat system with monthly wastewater sampling and quarterly groundwater monitoring. In FY 1998, the FMMC implemented a 2-phase extraction system, and after approximately six months of operation, subsequent monthly groundwater monitoring indicated absence of free product. The DCEHA gave approval to permanently discontinue the treatment system and change from monthly monitoring to quarterly monitoring. The DCEHA has given a preliminary indication that they will review the results of a Risk Assessement and determine whether they will approve closure of this site.

## Fort Myer Military Community List of Previous Studies

| Title   | Author                                | Date   |
|---|---------------------------------------|--------|
| Site Histories Report to US Army Corps of Engineers, Baltimore District on four buildings at Ft. Myer including Bldg. 448 | Woodward-Clyde                        | May-91 |
| Characterization Report   | Baltimore District Corps of Engineers | Jan-92 |
| Final Remedial Investigation For Cameron Station  | Woodward-Clyde<br>Federal Services    | Feb-93 |
| Contamination Assessment Survey for Ft. McNair Fitness Center   | General Physics<br>Corporation        | Jun-95 |
| Sample Analysis Report of Ft. McNair Fitness Center Site  | General Physics<br>Corporation        | May-95 |
| Sample Analysis Report of Ft. Myer Class Six Site   | General Physics<br>Corporation        | Aug-95 |
| Soil Samples to Evaluate Soil Vapor<br>Extraction System (Former Dry Cleaning<br>Plant/Service Station - Ft. Myer)        |                                       | Oct-95 |
| Multi-media Sampling of Olney Nike Missile Site   | Blasland, Bouck & Lee, Inc.           | Dec-95 |
| Corrective Action Plan (CAP)  | Woodward-Clyde<br>Federal Services    | Mar-97 |
| Work Plans - 2 - Phase, Bldg 43, PX gas Station (Ft. McNair)  | Radian International LLC              | Aug-97 |
| Project Summary Report, 2 Phase<br>Remediation System, Bldg 43 PX Gas<br>Station  | Radian International LLC              | Jul-98 |
| Work Plan - Proposed Fitness Center   |                                       | Jan-00 |
| Delineation of the shallow refusal area at the proposed fitness center (Ft. McNair)                                       |                                       | Jun-00 |

# Fort Myer Military Community

**ER,A ELIGIBLE ACTIVE SITES** 

#### FMY-01 OLD DRY CLEANING PLANT

#### SITE DESCRIPTION

The former dry cleaning plant (Bldg. 443) contaminated the nearby property due to a tetrachloroethylene release from the above ground storage tank and interior floor drains from the dry cleaning operations. In addition, BTEX releases occurred from leaking USTs at the AAFES Service Station. Since the spring of 1993, a soil vapor extraction system has been in operation. The SVE system was discontinued with concurrence from the VDEQ. In addition, during construction of the Emergency Service Center and Shoppette, contaminated soils were excavated and disposed of properly. In FY 99/00, FMMC conducted site characterization and remediation at the site. The VDEQ required FMMC to conduct quarterly monitoring of the groundwater. In 2000, the groundwater monitoring frequency was reduced to semi-annually with concurrence of VDEQ.

#### **STATUS**

**RRSE RATING:** 

Low

**CONTAMINANTS:** 

Tetrachloroethylene, BTEX

**MEDIA OF CONCERN:** 

Groundwater, Soil

**COMPLETED IRP PHASE:** 

PA/SI

**CURRENT IRP PHASE:** 

RI/FS

**FUTURE IRP PHASE:** 

RD, RA, RA(O), LTM

#### **PROPOSED PLAN**

Submit results of groundwater monitoring to VDEQ and perform risk assessment. Develop site closure plan (most likely, remedy will be LTM with land use controls).

#### FTMCN-08 OLD TEMPO BOILER

#### SITE DESCRIPTION

The site is located east of Fifth Avenue and the existing swimming pool. The site was formerly occupied by a building that contained a large boiler and storage tanks used for heating adjacent temporary buildings during mobilization operations in World War II. The building was demolished in the 1970s. A sampling investigation performed at the site detected contamination in the groundwater. The source of contamination is unknown.

#### **PROPOSED PLAN**

Conduct remediation during construction, develop closure plan and abandon wells (NFA).

#### **STATUS**

**RRSE RATING:** 

High

**CONTAMINANTS:** 

Lead, BTEX

**MEDIA OF CONCERN:** 

Groundwater

**COMPLETED IRP PHASE:** 

None

**CURRENT IRP PHASE:** 

RI/FS

**FUTURE IRP PHASE:** 

RI/FS, LTM

#### PX STATION AND UST REMEDIATION

#### SITE DESCRIPTION

The site is a former AAFES service station at Fort McNair. The contamination resulted from the under ground storage tanks. A DCEHA directive required FMMC to install, operate and maintain a pump and treat system to remediate the contaminated groundwater. In FY 98, the FMMC operated 2-Phase ™ extraction system and removed a significant amount of volatile organic compounds (VOCs) from soil and groundwater. Subsequent groundwater monitoring indicated absence of free product in the monitoring wells. In April 1999, the DCERA approved permanent discontinuation of the pump and treat system and required only quarterly monitoring of three wells.

#### **STATUS**

#### **RRSE RATING:**

High

#### **CONTAMINANTS:**

Benzene, Toulene, Ethylbenzene,

Xylene, TPH

#### **MEDIA OF CONCERN:**

Groundwater

#### **COMPLETED IRP PHASE:**

PA/SI, RI/FS, RD, RA

**CURRENT IRP PHASE:** 

LTM

**FUTURE IRP PHASE:** 

LTM

#### **PROPOSED PLAN**

Prepare Risk Assessment, develop closure plan and decision document in FY05. Likely remedy to be LTM and LUC.

# Fort Myer Military Community

RESPONSE COMPLETE AEDB-R SITES

#### SITE DESCRIPTION

This site is a former Nike-Hercules missile-launching site abandoned in the 1950s. The site includes three missile silos and associated above ground launch facilities. An active tenant, Federal Emergency Management Agency (FEMA), occupies the site. The SI and RI/FS phases have been completed in FY 97 and FY 98, respectively. In addition, an environmental baseline survey and an environmental assessment have been completed for the purpose of property transfer.

#### **STATUS**

#### **RRSE RATING:**

Medium

#### **CONTAMINANTS:**

Asbestos, hydraulic fluids, heavy metals, chlorinated solvents

#### **MEDIA OF CONCERN:**

Groundwater

**COMPLETED IRP PHASE:** 

PA/SI, RI

**CURRENT IRP PHASE:** 

RC-2000

#### **PROPOSED PLAN**

Site available for the DCSOPS military training. No ERA activity is planned.



#### PAST MILESTONES

The schedule of IRP work completed to date and planned through completion of all restoration work at the Fort Myer Military Community has been detailed.

| PA/SI, RI/FS (FMY-01)<br>PA/SI, RI/FS (FTMCN-09) | 1990-92<br>1990-92 |
|--|--------------------|
| RD (FMY-01)                                      | 1992-93            |
| RD (FTMCN-09)                                    | 1992-93            |
| PA (FMY-07)                                      | 1993-94            |
| RA (FTMCN-09)                                    | 1993-99            |
| PA (FTMCN-08)                                    | 1994-95            |
| RA (FMY-01)                                      | 1995-96            |
| SI, RI/FS, RD (FMY-07)                           | 1995-97            |
| RI/FS, RD (FTMCN-08)                             | 1995-99            |
| PA/SI (FMY-08)                                   | 1996-97            |
| RD (FMY-07)                                      | 1998-99            |
| RA (FMY-07)                                      | 2001-02            |
| RA (FTMCN-08)                                    | 2002-03            |

#### FUTURE MILESTONES

| LTM (FMY-01)   | 2005 |
|----------------|------|
| LTM (FTMCN-08) | 2005 |
| LTM (FTMCN-09) | 2005 |

Projected completion date of all RA: 2006
Projected completion date of IRP: 2015+



#### NO FURTHER ACTION SITES

The following sites currently require no further action by the ER,A Program:

| AEDB-R#  | <u>Title</u>                             | RC Date |
|----------|--|---------|
| FMY-02   | Carpenter Road Landfill                  | 199207  |
| FMY-03   | Old Debris Landfills (3)                 | 199009  |
| FMY-04   | Old AAFES Service Station - Vapor        | 200108  |
| FMY-05   | Boiler Plant Area                        | 199208  |
| FMY-06   | Motor Pool (Bldg 209)                    | 199505  |
| FMY-07   | Nike Site 93, Olney, MD                  | 200009  |
|          |  |         |
| FTMCN-01 | Washrack Adj to Bldg 37                  | 198410  |
| FTMCN-02 | IADC Photo Lab Bldg 52                   | 198410  |
| FTMCN-03 | Steam Plant Chemical Waste Wtr Discharge | 198410  |
| FTMCN-04 | PX Motor Shop Washrack                   | 198410  |
| FTMCN-05 | Photo Hobby Lab Bldg 45                  | 198410  |
| FTMCN-06 | UST Numerous                             | 198410  |
| FTMCN-07 | AST Numerous                             | 198410  |

## Remediation Activities

#### Past REM/ RA/ IRA

FMY-01. ER, A vapor extraction system (VES) designed, installed, operated to remediate tetrachloroethylene (PCE) contaminated soil: FY91, FY92, FY94. ERA, FY95, preliminary investigation and soil removal, FY97 ERA, FY98 ERA. Also, part of this site is B 448 risk assessment, Public Safety Center remediation, and Long Term Groundwater Monitoring, FY99 ER,A, FY00, FMY-04 (opened temporarily for one year).

FTMCN-08, Old Tempo Boiler Area, Site Investigation, Corrective Action Plan, LTM and free product removal; FY 96, FY 97, FY 98, FY 99, FY 00.

FTMCN-09, AAFES Service Station, Pump and Treat System, 2-Phase ™ extraction system, Long Term Monitoring; FY96, FY 97, FY 98, FY 99, FY00.

CAST-02, PX Gas Station and UST (two RSC-1383s). No ER,A funds used.

RCS-1383# CAMS93BC08. VENC, site characterization report, pump & treat and vapor extraction systems, 2.4 tons of soil treated by soil desorbtion, closure action plan: FY91, FY92, FY93, FY94, FY95, no ER,A funds used.

#### Current REM/ RA/ IRA

FMY-01, Former Dry Cleaning Plant. ER,A – Eight quarters groundwater monitoring, develop RI/FS, and Draft Decision Document by the end of FY 01.

FTMCN-08, Old Tempo Boiler Area. ER,A, Long term groundwater monitoring, FY 01.

FTMCN-09, AAFES Service Station. ER,A, Long term groundwater monitoring FY 01.

#### Future REM/ RA/ IRA

FMY-01, Former Dry Cleaning Plant. ER,A, Long Term Monitoring. FY02-05.

FMY-07, Nike Site 93. ER,A, No ERA activities planned.

FTMCN-08, Old Tempo Boiler. ER,A Site remediation. FY02-03, \$1.5M (Estimated), Long term monitoring, FY02-05.

FTMCN-09, Remediate AAFES Service Station. ER,A, long term monitoring: FY 02-05.

## Community Involvement

#### **RESTORATION ADVISORY BOARD (RAB) STATUS**

During FY97 Fort Myer Military Community reviewed the requirements and potential for the establishment of a Restoration Advisory Boars (RAB). After this review, the Installation Commander determined that there was insufficient interest to establish a RAB at this time.

#### Efforts Taken To Determine Interest

Fort Myer Military Community conducted the following to determine potential interest in establishing a RAB:

- (1) A review of the type and quantity of contaminants was made. This included assessing the site locations and the possibility of off site contamination.
- (2) During FY97, Fort Myer Military Community reviewed the requirements for the establishment of a Restoration Advisory Board (RAB). A RAB was not established at that time. A newspaper survey did not identify any public interest for the Ft. Myer Military Community restoration projects.

#### **Conclusions**

Based on the results of Fort Myer Military Community's efforts to determine interest in forming a RAB, the installation commander determined that there was no reason to establish a RAB at this time.

#### Follow-up Procedures

Fort Myer Military Community is committed to involving the public in its restoration program and recognizes that interest in restoration activities may develop. Fort Myer Military Community will monitor community interest on a periodic basis and establish a RAB if sufficient interest is found.

| Fort Myer Military Community Installation Action Plan | Sep 2004 |
|---|----------|
| Fort Myer Military Community Installation Action Plan | Sep 2004 |
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